Electronic Filing System (EFS) Data Electronic Patent Application Submission USPTO Use Only

EFS ID:

11653

Application ID:

09681844

Title of Invention:

APPLICATION PROGRAM CACHING

First Named Inventor:

Vellore Vetrivelkumaran

Domestic/Foreign Application:

Domestic Application

Filing Date:

null

Effective Receipt Date:

2001-06-15

Submission Type:

Utility Patent Filing

Filing Type:

new-utility

Confirmation Number:

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Attorney Docket Number:

1018.110US1

- enderar Telescope cn=Michael Andrew Dryja, ou=Registered Attorneys, ou=Patent and

Digital Certificate Holder:

Trademark Office, ou=Department of Commerce, o=U.S. Government,

c=US

Certificate Message Digest:

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Total Fees Authorized:

\$1574.0

Payment Category:

CC - Credit Card

Credit Card Number:

********1000

Expiration Date:

02282003

Card Holder Name:

Michael Dryja

RAM User ID:

EFSPROD

RAM Accounting Date:

2001-06-15

RAM Sequence Number:

301173

RAM Payment Status:

RAM success

Postal Code:

98074

TRANSMITTAL FORM



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number:

1018.110US1

APPLICATION PROGRAM CACHING

First Named Inventor: Mr. Vellore T Vetrivelkumaran

SUBMITTED BY

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Michael Dryja

Registration Number:

39662

Electronic Signature Mark: Michael Dryja

Date Signed: 20010614

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Attached Files:

bibd-transmittal

efsapds.xml

fee-transmittal

efsfee.xml

patent-assignment

efsasgn.xml

specification

110 spec.xml

declaration

110 Dec1.tif

declaration

110 Dec2.tif

Attached Image File(s):

110 Dec1.tif

110 Dec2.tif

Comments:

PATENT APPLICATION

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| | | | | | | | nd joint inventor (iv | pittai names |
| believe I am the orig are listed below) of the | subject mat | tter which | h is claimed and | for which a p | atent is sough | nt on the invention | ennueu: | |
| the state of the second of the | hen raidea! | KVACUII | ΩĦ | | | | | |
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| Number | | | and was amende | d on | 1 1 46 | (if applicable). | duding the claims, a | s amended by |
| Number I hereby state that I ha | ve reviewed | i and un | derstood the con | tents of the a | bove-identific | ea specification, inc | al to natentability as | defined in 37 |
| I hereby state that I ha any amendment(s) refe | erred to abo | ve. I ac | knowledge the d | uty to disclose | e all intomiat | ION WINCH IS HISTORIA | at to patominating an | |
| CFR 1.56. | | | | | | | | |
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| Foreign Application(s) an I hereby claim foreign pric | d/or Claim of | Foreign 1 | Priority | ode Section 119 | of any foreign a | pplication(s) for patent | or inventor(s) certificate | ; listed below and |
| I hereby claim foreign price have also identified below | ority benefits ut | noer rue dication fo | or patent or inventor | s) certificate hav | ing a filing date | | | |
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| COUNTRY | | TEICHTI | 0111101112 | | | , | YES; NO: | |
| 74 | | | | | | , | YES:NO: | |
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| Provisional Application I bereby claim the benefit t | under Title 35 | I mited Sta | ites Code Section 11 | 9(e) of any Unite | d States provise | onal application(s) listed | below: | |
| Thereby claim the benefit t | minder rine 33, | Omtod Du | | | | | ٦ | |
| The state of the s | | APP | LICATION SERIAL | NUMBER | FII | ING DATE | 4 | |
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| and a many contracting the contracting the contracting | | | | | <u>. </u> | | | |
| L.S. Priority Claim Thereby claim the benefit | under Title 35 | United S | tates Code, Section 1 | 20 of any Unite | d States applicat | ion(s) listed below and, | insofar as the subject ma | atter of each of the |
| Hereby claim the benefit claims of this application | is not disclosed | in the pri | or United States app | lication in the m | anner provided l | by the first paragraph of | Title 35, United States C | e filing date of the |
| " 1 | dicologa materi: | al intorma | non as delined in 1 | ILLO DII, COOO OX | Federal Regulati | ons, Section 1.30(a) wit | TON COORDINGS CONTROL | |
| prior application and the | national or PCT | internatio | mai ninng date of dis | s application. | | | , , , , , , , , , , , , , , , , , , , | |
| APPLICATION SE | RIAL NUMBE | 3R | FILINO | DATE | | STATUS(patent | ted/pending/abandoned) | |
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| 2. 2. 3. | | | | | | | | |
| POWER OF ATTORNE As a named inventor, I | EY: | | | * (| ad halow to pro | secute this application : | and transact all business | s in the Patent and |
| As a named inventor, I l | hereby appoint | the follo | wing attorney(s) and | Not agent(s) uso | or neion to bio | socuto una apparante | | |
| Trademark Office connec | ned unerewith. | | | | | | n - N - 22622 | |
| Mi | chael A. Dryja | , Reg. No | . 39662 Kat | tie E. Sako, Reg | No. 32628 | Daniel D. Crou | ise, Reg. No. 32022 | |
| | | agraga serira | C. 184 (4277) 227 (5. 445) 479 229 | ressarrant certita | EPELT OFFICER | Direct Telephoi | ne Calls Tox | 161,7037,732,75 |
| Send Correspondence | 10 | | | | | | | |
| Vichael A. Dryja | | | | | | Vijednel A. Dry | | |
| Law Offices of Michae | d Dryja | | | | | 425-427-5094 | | |
| 704 228th Avenue NE | | | | | | | | |
| PVB/694 Summumish, WA 980 | | | | | | | | |
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| I hereby declare that all | statements mad | ie herein o | of my own knowledg | e are true and th | at all statements | made on information a | nd bener are beneved war imprisonment, or both. | under Section 1001 |
| that these statements wer of Title 18 of the United | re made with th | e knowie | dge that willful false | statements and t | ne like so made : lize the validity (| of the application or any | r imprisonment, or both, patent issued thereon. | |
| of Title 18 of the United | States Code an | d that suc | li Minidi isise bistein | icins itm Joopan | | | | |
| Full Name of Inventor: | Vellore T. Ve | trivelkun | <u>iaran</u> | | | Citizenship | ı: <u>India</u> | |
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| V.9/_ | | | | (| 1151 | W 1 | | |
| Inventor's Signature | | | | | Date | | | |
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|---|--------------------------------|
| DECEARATION AND POWER OF ATTORNEY FOR PATENTAPPLICATION (continued) | |
| W. S. A. A. B. G. D. | Cittzenship: <u>US</u> |
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| Post Office Address: Same | / |
| Mala | 6/13/2001 |
| Inventor's Signature | Date |

FEE TRANSMITTAL

Electronic Version 1.0.4 Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 1574

BANK (CREDIT) CARD INFORMATION:

Gredit Card Number:

1000

Expiration Date:

20030228

Michael Dryja

Authorized Name:

98074

Biling Address:

BASIC FILING FEE

| Fee | Description | Fee Code | Fee Paid | |
|--------------------|-------------|----------|----------|--|
| Utility Filing Fee | | 101 | \$ 710 | |

Subtotal For Basic Filing Fee: \$ 710

EXTRA CLAIM FEES

| | Fee Code | Fee | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 48 | 103 | \$ 18 | 28 | \$ 504 |
| Independent Claims: 7 | 102 | \$ 80 | 4 | \$ 320 |

Subtotal For Extra Claims Fees: \$ 824

ADDITIONAL FEES

| Fee Description | Fee Code | Fee Paid |
|---|----------|----------|
| Recording Each Patent Assignment Per Property Fee | 581 | \$ 40 |

Subtotal For Additional Fees: \$ 40